

[Registered at the General Post Office, Perth, for transmission by post as a Periodical.]



JOURNAL

OF

THE ROYAL SOCIETY

OF

WESTERN AUSTRALIA, INC.

Founded 1913 :: :: Incorporated 1937

Vol. XXIV
1937-1938



The Authors of Papers are alone responsible for the statements
and
the opinions expressed therein.

Printed for the Society by
FRED. WM. SIMPSON, GOVERNMENT PRINTER, PERTH.

1938.

THE ROYAL SOCIETY OF WESTERN
AUSTRALIA, INC.

OFFICERS AND COUNCIL, 1937-38.

Patron:

His Majesty the King.

Vice-Patron:

His Excellency Sir James Mitchell, K.C.M.G.,
Lieut.-Governor of the State of Western Australia.

President:

L. J. H. Teakle, M.Sc., Ph.D., A.A.C.I.

Past President:

F. G. Forman, B.Sc.

Vice-Presidents:

E. S. Simpson, D.Sc., B.E., F.A.C.I. H. Bowley, F.A.C.I.

Joint Hon. Secretaries:

L. W. Phillips, M.Sc., Dip.Ed., A.A.C.I. G. R. W. Meadly, B.Sc.
T. H. Wilson.

Hon. Treasurer:

E. M. Watson, Ph.D., A.I.C.

Hon. Editorial Secretary:

B. L. Southern, A.A.C.I.

Hon. Librarian:

L. Glauert, B.A., F.G.S.

Hon. Assistant Librarian:

Eileen A. Bowley, M.Sc.

Council:

H. W. Bennetts, D.V.Sc.
Miss E. A. Bowley, M.Sc.
Miss D. Carroll, Ph.D.
C. F. H. Jenkins, B.A.
R. J. Little.
G. L. Sutton, D.Sc.(Agric.).
E. J. T. Thompson, M.C., M.A., B.Sc., M.B., Ch.B.
R. C. Wilson, B.Sc., B.E.

CONTENTS.

VOLUME XXIV.

	Page
Office Bearers	ii.
Annual Report	iv.
Treasurer's Report	vi.
Rules	vii.
Proceedings—Abstract of	xix.
Exhibit	xx.
Presidential Address—"A Regional Classification of the Soils of Western Australia," by Dr. L. J. H. Teakle	123
General Index	xxi.

1. Tertiary Tholeiite Magma in Western Australia. By A. B. Edwards, Ph.D.	1
2. The Geology and Physiography of the Lower Chittering Area. By Keith R. Miles, B.Sc. (Hons.)	13
3. West Australian Mydoidae (Diptera). By Kenneth R. Norris, M.Sc.	43
4. <i>Palaemonetes Australis</i> Dakin in South-Western Australia. By D. L. Serventy, Ph.D.	51
5. Western Australian Forms of the Giant Petrel <i>Macronectes Giganteus</i> (Gmelin). By L. Glauert, B.A., F.G.S.	59
6. The Genus <i>Corysanthes</i> (Orchidaceae) in Australia and New Zealand. By Rev. H. M. R. Rupp	63
7. The Essential Oils of the Western Australian Eucalypts, Part V. By G. E. Marshall, M.Sc., and E. M. Watson, Ph.D.	65
8. Upper Eocene Foraminifera from Deep Borings in King's Park, Perth, Western Australia. By Walter J. Parr, F.R.M.S.	69
9. The Ascorbic Acid Content of Some Western Australian Fruits. By H. E. Hill, A.I.C., A.A.C.I.	103
10. Contributions to the Mineralogy of Western Australia, Series XI. By Edward S. Simpson, D.Sc., B.E., F.A.C.I.	107